

REFUSE CALCULATIONS

PRIVATE WASTE MANAGMENT PLAN

RESTAURANTS AND BARS THAT SERVE FOOD MUST PROVIDE ENCLOSURES WITH GREASE CONTAINMENT AREAS IN ACCORDANCE WITH THE C.O.S. MAG DETAILS AND TABLE 2-1.311.

A MAXIMUM 100 FEET DISTANCE FOR BUILDING SERVICE EXIT TO REFUSE ENCLOSURE.

PROVIDE A PATH OF TRAVEL FOR THE REFUSE TRUCK ACCOMMODATES A MINIMUM VEHICLE OF TURNING RADIUS OF 45 FEET, AND VEHICLE LENGTH OF 40 FEET.

REFUSE ENCLOSURE(S) AND APPROACH PAD TO BE LEVEL, WITH A MAXIMUM OF A TWO PERCENT SLOPE.

TABLE 2-1.311. B

USE	REQUIRED NUMBER OF REFUSE ENCLOSURES WITHOUT RECYCLING	REQUIRED NUMBER OF REFUSE ENCLOSURES WITH RECYCLING
Non-Residential Development	1 enclosure for each 20,000 square feet of building space or portion there of per COS Standard Details #2146-1 or 2147-1	2 enclosures for each 30,000 square feet of building space or portion thereof per COS Standard Details #2147-1 or 2147-2
Apartments & Condominiums	1 enclosure for every 20 units or portion thereof per COS Standard Details #2146-1 or 2147-1	2 enclosures for every 30 units or portion thereof per COS Standard Details #2146-1 or 2147-1

HOTEL (NON-RESIDENTIAL):

REQUIRED CONTAINERS WITHOUT RECYCLING:
100,000 SF / 20,000SF = 5 CONTAINERS
REQUIRED CONTAINERS **WITH RECYCLING**:
100,000 SF / 30,000 SF = 3.33 * 2 = **7 CONTAINERS (5 REFUSE & 2 RECYCLE)**
TOTAL REFUSE CONTAINERS = 5 * 4 CY = 20 CY / 3 CY = 7

REFUSE CONTAINERS PROVIDED: **2 (TRASH COMPACTION RATIO OF 4:1)**

RESIDENTIAL (APARTMENT & CONDOMINIUMS):

REQUIRED CONTAINERS WITHOUT RECYCLING:
230 UNITS / 20 = 12 CONTAINERS
REQUIRED CONTAINERS **WITH RECYCLING**:
230 UNITS / 30 = 7.7 * 2 = **16 CONTAINERS (12 REFUSE & 4 RECYCLE)**
TOTAL REFUSE CONTAINERS = 12 * 4 CY = 48 CY / 3 CY = 16

REFUSE CONTAINERS PROVIDED: **4 (TRASH COMPACTION RATE OF 4:1)**

TOTAL CONTAINERS PROVIDED:

REFUSE = 6 CONTAINERS (SHOWN GREEN IN PLAN)
RECYCLING = 6 CONTAINERS (SHOWN BLUE IN PLAN)

CONTAINERS WILL BE MOVED TO LOCATION INDICATED BY SHEET NOTE 6 FOR COLLECTION

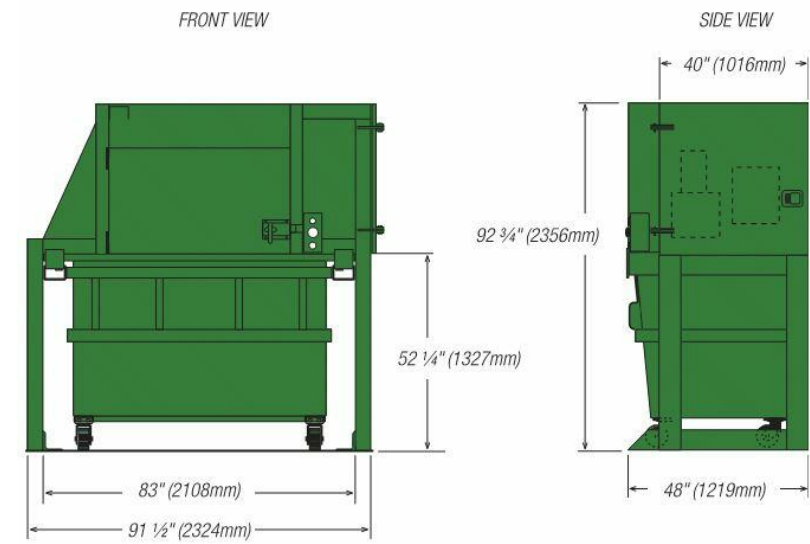
UNTOUCHABLE VIP COMPACTOR USES 3 CUBIC YARD CONTAINERS

Vert-I-Pack Triple Lock

♥ The mechanical door interlock prevents the door from being opened at all times except when the unit is in the proper feeding position. A second interlock prevents the unit from cycling (operating) when the door is in the open position. The third interlock prevents the unit from functioning when the container is not in the proper position.



Untouchable VIP



Untouchable VIP dimensions		
Feed height	52.25"	1327mm
Overall height	92.75"	2356mm
Overall width	91.5"	2324mm
Overall depth	48"	1219mm
Container weight	825 lbs.	375 kg
Complete assembly weight	3675 lbs.	1667 kg

SHEET NOTES

- 01 DECORATIVE SLIDING GATE
- 02 RECYCLE CONTAINERS
- 03 REFUSE TRUCK PATH
- 04 REFUSE VEHICLE
- 05 SERVICE YARD CONCRETE PAD. OPEN TO SKY ABOVE.
- 06 REFUSE CONTAINER STAGING AREA
- 07 3 CY REFUSE CONTAINERS
- 08 REFUSE COMPACTOR AND 3 CY CONTAINER

THE KIMSEY

7120 E INDIAN SCHOOL RD,
SCOTTSDALE, AZ 85251

- CASE PRE-APP NUMBER -
63-PA-2020

Gensler

2575 E Camelback Road
Suite 175
Phoenix, AZ 85016
United States
Tel 602.523.4900
Fax 602.523.4949

SYDNOR

4806 N 78TH Place
Scottsdale, AZ 85251
United States
Tel 480.206.4593

Date	Description
06/18/21	Development Review Board

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name
3RD AVENUE + INDIAN SCHOOL
ROAD - SCOTTSDALE, AZ

Project Number
057.6850.000

Description
REFUSE PLAN

Scale
1" = 30'-0"

